

PAT-NO: JP359063893A  
DOCUMENT-IDENTIFIER: JP 59063893 A  
TITLE: MODULATING CIRCUIT

PUBN-DATE: April 11, 1984

INVENTOR-INFORMATION:

NAME	COUNTRY
YASUDA, YUZO	

INT-CL (IPC): H04N009/497 , H04N005/92

US-CL-CURRENT: 327/231

ABSTRACT:

PURPOSE: To remove the phase shift of a carrier by constituting titled circuit of a carrier oscillator and an AM modulator and feeding back from the output side to the input side of the AM modulator through an AC feedback means.

CONSTITUTION: The phase difference of carriers between a carrier signal from the carrier oscillator 1 and the modulated output from the AM modulator is small when the current of the AM modulator 2 is high, and large when the current of the AM modulator 2 is low. If AC feedback is applied from the output side to the input side of the AM modulator through a feedback capacitor 15, the output of the carrier oscillator 1 and the feedback signal are synthesized basing a vector as an input, so that an input phase is automatically compensated and an output phase can be also compensated.

COPYRIGHT: (C)1984,JPO&Japio